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(71) Applicant: P C C TECHNOL:KK

(72) Inventor: SAKAMOTO KAZUCHIKA  
KOYANO TAKASHI  
FUJITA KAZUHIRO

(54) DEVICE FOR STIRRING CELL, CELL FUSION  
APPARATUS AND FLOW CYTOMETER  
APPARATUS CONTAINING THE SAME

eral times to stir the suspension 21, which is further  
passed through a flow passage 31 and discharged to  
the outside.

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(57) Abstract:

**PURPOSE:** To enable dispersion and maintenance of cells at a homogeneous and nearly constant cell density in a solution by repeating suction and discharge of a cell suspension from the tip of a nozzle.

**CONSTITUTION:** A gas pressurized with a pressurizing pump 15 is regulated to 0.05-1.0kg/cm<sup>2</sup> pressure with a regulator 16, then fed through a filter 17, a manifold 18 and a valve 15 into a container 3 containing a cell suspension 21 and pressurized. A valve 6 is then opened to suck the suspension 21 from the tip of a nozzle 1 and temporarily held in a tube 2 to close the valve 6. Valves 10, 7 and 6 are subsequently opened to pressurize the tube 2 and the suspension 21 in the tube 2 is then discharged into the container 3. The aforementioned operation is repeated 1 to sev-

